

IN THE CLAIMS:

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Please cancel Claims 19-35, without prejudice or disclaimer of subject matter.

Please amend Claims 1-<sup>14</sup>~~16~~, and 36-88 to read as follows. A marked-up copy of the amended claims, showing the changes made thereto, is attached.

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1. (Amended) An information processing apparatus connected to a network, comprising:

- a communicating unit, arranged to communicate information with each of terminal devices on said network;
- a first acquiring unit, arranged to acquire a first information related to the terminal device connected to said network through said communicating unit;
- a second acquiring unit, arranged to acquire a second information related to a peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired by said first acquiring unit;
- a third acquiring unit, arranged to acquire a status of the peripheral device whose second information is acquired by said second acquiring unit; and
- a display unit for displaying information of a terminal device connected to said network, information of a peripheral device connected to said terminal device, and a status thereof based upon the first information acquired by said first acquiring unit, the second information acquired by said second acquiring unit, and the status acquired by said third acquiring unit.

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1, wherein

2. (Amended) An information processing apparatus according to claim

said first acquiring unit, said second acquiring unit, and said third acquiring unit poll the terminal device on said network to acquire both the information and the status thereof every time a predetermined time period has passed; and

said display unit updates the display content based upon said polling-acquired information and condition.

3. (Amended) An information processing apparatus according to claim

1, wherein

said first acquiring unit, said second acquiring unit, and said third acquiring unit poll the terminal device on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user; and

said display unit updates the display content based upon said polling-acquired information and condition.

4. (Amended) An information processing apparatus according to claim

1, wherein

said first acquiring unit, said second acquiring unit, and said third acquiring unit receive and obtain both the information and the condition notified from the terminal device on said network; and

said display unit updates the display content based upon said notified information and condition.

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5. (Amended) An information processing apparatus according to claim 1, further comprising:

a selecting unit, arranged to select a desirable peripheral device by a user from the peripheral devices displayed by said display unit wherein,

a set-up operation for using the selected peripheral device is carried out in response to the selecting operation by the user via said selecting unit.

6. (Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is a printer device.

7. (Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is a modem device.

8. (Amended) An information processing apparatus according to claim 1, wherein

said peripheral device is an image input device.

9. (Amended) An information processing apparatus according to claim 1, wherein

said first acquiring unit acquires information of a terminal device within a predetermined network domain.

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1, wherein

10. (Amended) An information processing apparatus according to claim

said display unit displays a terminal device and a peripheral device, which are displayed, by way of display elements, and also displays a connection condition thereof by connecting the respective display elements to each other on a display screen thereof.

11. (Amended) An information processing apparatus according to claim

10, wherein

said display unit displays thereon the connection condition of said peripheral device based upon a sort of lines used to connect the terminal device with the peripheral device.

12. (Amended) An information processing apparatus according to claim

10, wherein

when said display unit displays the condition of the peripheral device, said display unit selects an icon corresponding to said condition of the peripheral device from a predetermined icon group to display said selected icon.

13. (Amended) An information processing apparatus according to claim

12, wherein

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said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not under use.

14. (Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

A 15. (Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

16. (Amended) An information processing apparatus according to claim 12, wherein

said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

17. (Amended) An information processing apparatus connected to a network, comprising:

a first saving unit, arranged to save a first information of the own device on said network;

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a connector, arranged to locally connect, not through said network,  
a peripheral device thereto;

a second saving unit, arranged to save a second information of said  
peripheral device connected by said connector;

a detecting unit, arranged to detect a condition of said peripheral  
device connected by said connector; and

a transmitting unit, arranged to transmit the first information saved  
in said first saving unit, the second information saved in said second saving unit, and the  
condition detected by said detecting unit to another device in response to a request issued  
from said another device.

18. (Amended) An information processing apparatus connected to a  
network, comprising:

a first saving unit, arranged to save a first information of the own  
device on said network;

a connector, arranged to locally connect, not through said network, a  
peripheral device thereto;

a second saving unit, arranged to save a second information of said  
peripheral device connected by said connector;

a detecting unit, arranged to detect a condition of said peripheral  
device connected by said connector; and

a transmitting unit, arranged to transmit the first information saved  
in said first saving unit, the second information saved in said second saving unit, and the

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A condition detected by said detecting unit to another device on said network every predetermined period.

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A 36. (Amended) A method for displaying information of a peripheral device locally connected to a terminal device connected to a network, said method comprising:

a first acquisition step, of acquiring first information related to the terminal device connected to said network;

A a second acquisition step, of acquiring second information related to the peripheral device that is locally connected, not through said network, to the terminal device whose first information is acquired;

a third acquisition step, of acquiring third information related to the condition of the peripheral device whose second information is acquired; and

a display step, of displaying a connection status display indicative of the first information of the terminal device connected to said network, the second information of the peripheral device connected to said terminal device, and the status thereof based upon the first information, the second information, and the third information.

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A 37. (Amended) A display method according to claim 36, wherein said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof every time a predetermined time period has passed, and

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the content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

38. (Amended) A display method according to claim 36, wherein said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user, and

the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

39. (Amended) A display method according to claim 36, further comprising:  
a reception step, of receiving and obtaining said first information, said second information, and said third information notified from the terminal device on said network; and

an update step, of updating the display content of the connection status display based upon said notified information and condition.

40. (Amended) A display method according to claim 36, further comprising:  
a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection state display wherein,



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a set-up operation for using the selected peripheral device is carried out in response to the selecting operation of the peripheral device by the user via said selection step.

41. (Amended) A display method according to claim 36, wherein said peripheral device is a printer device.
42. (Amended) A display method according to claim 36, wherein said peripheral device is a modem device.
43. (Amended) A display method according to claim 36, wherein said peripheral device is an image input device.
44. (Amended) A display method according to claim 36, wherein said first information is acquired from a terminal device within a predetermined network domain.
45. (Amended) A display method according to claim 36, wherein to display the connection status display, a terminal device and a peripheral device, which are displayed, are expressed by way of display elements, and also the connection status is displayed by connecting the respective display elements to each other on a display screen thereof.

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46. (Amended) A display method according to claim 45, wherein the connection status of said peripheral device is displayed based upon a sort of lines used to connect the terminal device with the peripheral device.

47. (Amended) A display method according to claim 45, wherein when the condition of the peripheral device is displayed, an icon corresponding to said condition of the peripheral device is selected from a predetermined icon group to display said selected icon, to display the connection status display.

48. (Amended) A display method according to claim 47, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

49. (Amended) A display method according to claim 47, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

50. (Amended) A display method according to claim 47, wherein said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

51. (Amended) A display method according to claim 47, wherein

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said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

52. (Amended) A method for displaying information of a peripheral device locally connected, not through a network, to an information processing apparatus connected with the network, said method comprising:

a first save step, of saving first information relating to the own device on said network;

a second save step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

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a detection step, of detecting a condition of said peripheral device connected thereto; and

a transmission step, of transmitting the first information, the second information, and the condition of said peripheral device to another device based upon a request issued from another device on said network.

53. (Amended) A method for displaying information of a peripheral device locally connected, not through a network, to an information processing apparatus connected with the network, said method comprising:

a first save step, of saving first information relating to the own device on said network;

a second save step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

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a detection step, of detecting a condition of said peripheral device connected thereto; and

a transmission step, of transmitting the first information, the second information, and the condition of said device to another device on said network in a periodic manner.

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54. (Amended) A method for displaying information of a peripheral device locally connected, not through a network, to a terminal device connected with the network, said method comprising:

a first acquisition step, of acquiring first information relating to a information processing apparatus connected to said network;

a second acquisition step, of acquiring second information relating to the peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired;

a third acquisition step, of acquiring third information related to a status of the peripheral device whose second information is acquired; and

a display step, of displaying a connection status display indicative of information of the terminal device connected to said network, information of the peripheral device connected, not connected through said network, to said terminal device, and a status thereof based upon the first information, the second information, and the third information in the first information processing apparatus; and also comprising:

a first save step, of saving information of the own device on said network;

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a second save step, of saving information relating to said peripheral device locally connected, not through said network, thereto;

a detection step, of detecting a condition relating to said peripheral device connected thereto; and

a transmission step, of transmitting the information related to said own device, the information related to said peripheral device, and the condition of said peripheral device to said first information processing apparatus in a second information processing apparatus.

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35. (Amended) A display method according to claim 54, wherein said first information, said second information, and said third information are acquired by polling the information processing apparatuses on said network to acquire both the information and the status thereof every time a predetermined time period has passed, and


the content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

56. (Amended) A display method according to claim 54, wherein said first information, said second information, and said third information are acquired by polling the information processing apparatuses on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user, and

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the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

57. (Amended) A display method according to claim 54, wherein said first information, said second information, and said third information are acquired by receiving both the information and the condition notified from the first and second information processing apparatuses on said network, and the display content of said connection status display is updated based on said notified information and status.

 58. (Amended) A display method according to claim 54, further comprising:  
a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection status display, wherein,  
a set-up operation for using the selected peripheral device is carried out in response to the selections step of the peripheral device by the user via said selection step.

59. (Amended) A display method according to claim 54, wherein said peripheral device is a printer device.

60. (Amended) A display method according to claim 54, wherein said peripheral device is a modem device.

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61. (Amended) A display method according to claim 54, wherein said peripheral device is an image input device.

62. (Amended) A display method according to claim 54, wherein both said first information processing apparatus and said second information processing apparatus belong to a predetermined network domain, and said first information processing apparatus acquires said first information from an information processing apparatus within said predetermined network domain.

63. (Amended) A display method according to claim 54, wherein to display the connection status display, the information processing apparatuses and a peripheral device, which are displayed, are represented by way of display elements, and also the connection status is displayed by connecting the respective display elements to each other on a display screen thereof.

64. (Amended) A display method according to claim 54, wherein the connection status of said peripheral device is displayed based upon a sort of lines used to connect the terminal device with the peripheral device.

65. (Amended) A display method according to claim 54, wherein

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when the condition of the peripheral device is displayed, an icon corresponding to said condition of the peripheral device is selected from a predetermined icon group to display said selected icon, to display the connection status display.

66. (Amended) A display method according to claim 65, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

67. (Amended) A display method according to claim 65, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

68. (Amended) A display method according to claim 65, wherein said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

69. (Amended) A display method according to claim 65, wherein said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

70. (Amended) A display method according to claim 65, wherein said peripheral device is a printer device; and



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said icon group contains such an icon that indicates that a plurality of print jobs are pending.

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71. (Amended) A storage medium for storing therein a computer program executed by a computer employed in an information processing apparatus connected to a network, wherein said computer program comprises:

code for a first acquisition step, of acquiring first information related to a terminal device connected to said network;

code for a second acquisition step, of acquiring second information related to a peripheral device which is locally connected, not through said network, to the terminal device whose first information is acquired;

code for a third acquisition step, of acquiring third information related to a status of the peripheral device whose second information is acquired; and

code for a display step, of displaying a connection status display indicative of information of said terminal device connected to said network, information of the peripheral device connected to said terminal device, and a status thereof based upon the first information, the second information, and the third information.

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72. (Amended) A storage medium according to claim 71, wherein

said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof every time a predetermined time period has passed, and

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the content of said connection status display is updated by the display content based upon said polling acquired information and condition.

73. (Amended) A storage medium according to claim 71, wherein said first information, said second information, and said third information are acquired by polling the terminal device on said network to acquire both the information and the status thereof in response to a predetermined operation made by a user, and

the display content of said connection status display is updated by the display content based upon said polling-acquired information and condition.

74. (Amended) A storage medium according to claim 71, wherein said first information, said second information, and said third information are acquired by receiving both the information and the status notified from the terminal device on said network, and

a display content of said connection status display is updated based upon said notified information and said notified status.

75. (Amended) A storage medium according to claim 71, said computer program further comprising:

code for a selection step, of selecting a desirable peripheral device by a user from the peripheral devices displayed on said connection status display, wherein

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a set-up operation for using the selected peripheral device is carried out in response to the selection step of the peripheral device by the user via said selection step.

76. (Amended) A storage medium according to claim 71, wherein said peripheral device is a printer device.

77. (Amended) A storage medium according to claim 71, wherein said peripheral device is a modem device.

78. (Amended) A storage medium according to claim 71, wherein said peripheral device is an image input device.

79. (Amended) A storage medium according to claim 71, wherein said first information processing apparatus acquires information of a terminal device within a predetermined network domain.

80. (Amended) A storage medium according to claim 71, wherein as to said connection status display, a terminal device and a peripheral device, which are displayed, are represented by way of display elements, and also a connection condition thereof is displayed by connecting the respective display elements to each other on a display screen thereof.

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81. (Amended) A storage medium according to claim 80, wherein the connection condition of said peripheral device are displayed by way of a sort of lines used to connect the terminal device with the peripheral device.

82. (Amended) A storage medium according to claim 80, wherein as to said connection status display, when the condition of the peripheral device is displayed, an icon corresponding to said condition of the peripheral device is selected from a predetermined icon group to display said selected icon.

83. (Amended) A storage medium according to claim 82, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a moving picture representation.

84. (Amended) A storage medium according to claim 82, wherein said icon group contains an icon for representing the condition of the peripheral device by way of a mesh thereof.

85. (Amended) A storage medium according to claim 82, wherein said icon group contains an icon for indicating that a peripheral device is busy, and also another icon for representing that a peripheral device is not busy.

86. (Amended) A storage medium according to claim 82, wherein

Sub C → said icon group contains an icon for indicating that a driver program for controlling a peripheral device is not installed in the own device.

87. (Amended) A storage medium for storing therein a computer program executed by a computer employed in an information processing apparatus connected to a network, wherein said computer program comprises:

code for a first saving step, of saving first information relating to the own device on said network;

code for a second saving step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;

A<sup>2</sup> ✓ code for a detection step, of detecting a condition of said peripheral device connected thereto; and

code for a transmission step, of transmitting the first information, the second information, and the detected condition to another device based upon a request issued from said another device on said network.

88. (Amended) A storage medium for storing therein a computer program executed by a computer employed in an information processing apparatus connected to a network, wherein said computer program comprises:

code for a first saving step, of saving first information relating to the own device on said network;

code for a second saving step, of saving second information relating to said peripheral device locally connected, not through said network, thereto;